

## ABSTRACT

It is an object of the present invention to provide an alkaline earth metal aluminate phosphor having good heat  
5 resistance and durability against vacuum ultraviolet rays and ultraviolet rays, among others, and a method of producing the same.

An alkaline earth metal aluminate phosphor containing bivalent europium as an activator,  
10 which contains at least one element (e) selected from the group consisting of indium, tungsten, niobium, bismuth, molybdenum, tantalum, thallium and lead.